

PTO-1449 REPRODUCED



INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION	
September 24, 2007	
(Use several sheets if necessary)	

ATTORNEY DOCKET NO. 2345.2058-003		U.S. APPLICATION NO. 10/571,865
FIRST NAMED INVENTOR Soley Bjornsdottir		371(c) DATE March 14, 2006
EXAMINER Stephen Thomas Kapushoc	CONFIRMATION NO. 6960	GROUP 1634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
/STK/	A1	4,376,110	03/08/1983	David, <i>et al.</i>
/STK/	A2	5,143,854	09/01/1992	Pirrung, <i>et al.</i>
/STK/	A3	5,288,644	02/22/1994	Beavis, <i>et al.</i>
/STK/	A4	5,384,261	01/24/1995	Winkler, <i>et al.</i>
/STK/	A5	5,424,186	06/13/1995	Fodor, <i>et al.</i>
/STK/	A6	6,225,057	05/01/2001	Estivill Palleja, <i>et al.</i>
	A7			
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FOREIGN PATENT DOCUMENTS					
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO
/STK/	B1	WO 2005/002419 A2	01-13-2005	Trustees of Boston University	
/STK/	B2	WO 00/50639 A2	08-31-2000	Variagenics, Inc.	
/STK/	B3	WO 00/50639 A3	08-31-2000	Variagenics, Inc.	
/STK/	B4	WO 90/15070	12/13/1990	Affymax Technologies N.V.	
/STK/	B5	WO 92/10092	06/25/1992	Affymax Technologies N.V.	
/STK/	B6	WO 93/22456	11/11/1993	Trustees of Dartmouth College	
/STK/	B7	WO 95/11995	05/04/1995	Affymax Technologies N.V.	
	B8				
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/STK/	C1	Attack, J., "Inositol monophosphatase, the putative therapeutic target for lithium," <i>Brain Res. Rev.</i> , 22(2):183-90 (1996).	
	C2	Bajwa, W. et al., "High Cholesterol Levels in Patients With Panic Disorder," <i>Am. J. Psychiatry</i> , 149(3):376-378 (1992).	
	C3	Brambilla, F. et al., "Neurosteroid secretion in panic disorder," <i>Psychiatry Res.</i> , 118(2):107-16 (2003).	
	C4	Chen, X. et al., "Fluorescence Polarization in Homogeneous Nucleic Acid Analysis," <i>Genome Res.</i> , 9:492-498	Nielsen, P. (1999).
	C5	Church, G. and Gilbert, W., "Genomic sequencing," <i>Proc. Natl. Acad. Sci. USA</i> , 81(7):1991-1995 (1984).	
	C6	Cotton, R. et al., "Reactivity of cytosine and thymine in single-base-pair mismatches with hydroxylamine and osmium tetroxide and its application to the study of mutations," <i>Proc. Natl. Acad. Sci. USA</i> , 85(12):4397-4401 (1988).	
	C7	Fan, Y-S., et al., "Molecular Cytogenetic Characterization of a Derivative Chromosome 8 with an Inverted Duplication of 8p21.3 → p23.3 and a Rearranged Duplication of 8q24.13 → qter," <i>American Journal of Medical Genetics</i> 102:266-271 (2001).	
	C8	Feldman, G. L., et al., "Inverted Duplication of 8p: Ten New Patients and Review of the Literature," <i>American Journal of Medical Genetics</i> , 47:482-486 (1993).	
	C9	Flavell, R. et al., "Analysis of the β-δ-Globin Gene Loci in Normal and Hb Lepore DNA: Direct Determination of Gene Linkage and Intergene Distance," <i>Cell</i> , 15(1):25-41 (1978).	
	C10	Fleet, R. and Beitman, B., "Cardiovascular Death from Panic Disorder and Panic-Like Anxiety: A Critical Review of the Literature," <i>J Psychosom Res.</i> , 44(1):71-80 (1998).	
	C11	Fleet, R. et al., "Panic Disorder in Emergency Department Chest Pain Patients: Prevalence, Comorbidity, Suicidal Ideation, and Physician Recognition," <i>Am. J. Med.</i> , 101(4):371-380 (1996).	
	C12	Fleet, R. et al., "Panic Disorder in Coronary Artery Disease Patients with Noncardiac Chest Pain," <i>J Psychosom Res.</i> , 44(1):81-90 (1998).	
	C13	Fodor, S. et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," <i>Science</i> , 251(4995):767-773 (1991).	
	C14	Geever, R. et al., "Direct identification of sickle cell anemia by blot hybridization," <i>Proc. Natl. Acad. Sci. USA</i> , 78(1):5081-5085 (1981).	
	C15	Gibbs, R. et al., "Detection of single DNA base differences by competitive oligonucleotide priming," 17(7):2437-2448 (1989).	
	C16	Giglio, S. et al., "Heterozygous Submicroscopic Inversions Involving Olfactory Receptor-Gene Clusters Mediate the Recurrent t(4;8)(p16;p23) Translocation," <i>Am. J. Hum. Genet.</i> , 71(2):276-285 (2002).	
	C17	Giglio, S. et al., "Olfactory Receptor-Gene Clusters, Genomic-Inversion Polymorphisms, and Common Chromosome Rearrangements," <i>Am. J. Hum. Genet.</i> , 68(4):874-883 (2001).	
	C18	Gratacos, M. et al., "A Polymorphic Genomic Duplication on Human Chromosome 15 Is a Susceptibility Factor for Panic and Phobic Disorders," <i>Cell</i> , 106(3):367-379 (2001).	
	C19	Graw, S. L., et al., "Cloning, Sequencing, and Analysis of Inv8 Chromosome Breakpoints Associated with Recombinant 8 Syndrome," <i>Am. J. of Hum. Genet.</i> 66:1138-1144 (2000).	
↓	C20	Gretarsdottir, S. et al., "Localization of a Susceptibility Gene for Common Forms of Stroke to 5q12," <i>Am. J. Hum. Genet.</i> , 70:593-603 (2002).	

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/STK/	C21	Gretarsdottir, S. et al., "The gene encoding phosphodiesterase 4D confers risk of ischemic stroke," <i>Nat. Genet.</i> , 35(2):131-8 (2003).	
	C22	Gulcher, J. et al., "Protection of privacy by third-party encryption in genetic research in Iceland," <i>Eur. J. Hum. Genet.</i> , 8(10):739-42 (2000).	
	C23	Hans, C., et al., "An unusual de novo inversion and duplication of chromosome 8; 46, XY,rec(8) dup(p11 p22), inv (8)(p23 q22) A relationship with San Luis Valley Syndrome?," <i>European Journal of Human Genetics</i> , 9(Suppl 1):P0266 (2001).	
	C24	Hayward, C. et al., "Plasma Lipid Levels in Patients With Panic Disorder or Agoraphobia," <i>Am. J. Psychiatry</i> , 146:917-919 (1989).	
	C25	Inazawa, J. et al., "High resolution ordering of DNA markers by multi-color fluorescent in situ hybridization of prophase chromosomes," <i>Cytogenet. Cell Genet.</i> , 65(1-2):130-5 (1994).	
	C26	Kong, A. et al., "A high-resolution recombination map of the human genome," <i>Nat. Genet.</i> , 31(3):241-247 (2002).	
	C27	Lacerda, A. et al., "Cholesterol Levels in Panic Disorder, Generalized Anxiety Disorder and Major Depression," <i>Arq. Neuropsiquiatr.</i> , 58(2B):408-411 (2000).	
	C28	Liu, Q.-J., et al., "Directly Defining the Gene(s) for Genomic Disease: Use of Sequence-Integrated BAC Resource to analyze a subtle deletion/inversion involving chromosome 8p22-23.3," <i>American Journal of Human Genetics</i> , 67(4) (Suppl 2):157 (2000).	
	C29	MacIntyre, D. J., et al., "Chromosomal abnormalities and mental illness," <i>Molecular Psychiatry</i> , 8:275-287 (2003).	
	C30	McConnell, H. et al., "The Cytosensor Microphysiometer: Biological Applications of Silicon Technology," <i>Science</i> , 257(5078):1906-1912 (1992).	
	C31	Mischoulon, D. and Fava, M., "Role of S-adenosyl-L-methionine in the treatment of depression: a review of the evidence ¹⁻⁴ ," <i>Am. J. Clin. Nutr.</i> , 76(5):1158S-61S (2002).	
	C32	Mochizuki, Y. and Majerus, P., "Characterization of myotubularin-related protein 7 and its binding partner, myotubularin-related protein 9," <i>Proc. Natl. Acad. Sci. USA</i> , 100(17):9768-73 (2003).	
	C33	Moedjono, S., et al., "Familial Pericentric Inversion of Chromosome 8 : Is Breakpoint p22q23 Important in the Formation of Unbalanced Recombinants?," <i>Annales De Génétique, Expansion Scientifique Française</i> , 23(4):235-237 (1980).	
	C34	Myers, R. et al., "Detection of Single Base Substitutions by Ribonuclease Cleavage at Mismatches in RNA:DNA Duplexes," <i>Science</i> , 230(4731):1242-1246 (1985).	
	C35	Nielsen, P. et al., "Peptide Nucleic Acid (PNA). A DNA Mimic with a Peptide Backbone," <i>Bioconjug. Chem.</i> , 5(1):3-7 (1994).	
	C36	Ophoff, R.A., "Genomewide Linkage Disequilibrium Mapping of Severe Bipolar Disorder in a Population Isolate," <i>Am. J. Hum. Genet.</i> , 71:565-574 (2002).	
	C37	Orita, M. et al., "Detection of polymorphisms of human DNA by gel electrophoresis as single-strand conformation polymorphisms," <i>Proc. Natl. Acad. Sci. USA</i> , 86(8):2766-2770 (1989).	
	C38	Peter, H. et al., "Serum Cholesterol Level Comparison: Control Subjects, Anxiety Disorder Patients, and Obsessive-Compulsive Disorder Patients," <i>Can. J. Psychiatry</i> , 47(6):557-561 (2002).	
	C39	Peters, L. and Andrews, G., "Procedural validity of the computerized version of the Composite International Diagnostic Interview (CIDI-Auto) in the anxiety disorders," <i>Psychol. Med.</i> , 25(6):1269-80 (1995).	
	C40	Pulver, A.E., "Search for Schizophrenia Susceptibility Genes," <i>Biological Psychiatry</i> , 47:221-230 (2000).	

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/STK/	C41	Rivkees, S. <i>et al.</i> , "Characterization of the Murine A1 Adenosine Receptor Promoter, Potent Regulation by GATA-4 and Nkx2.5*," <i>J. Biol. Chem.</i> , 274(20):14204-14209 (1999).	
	C42	Saiki, R. <i>et al.</i> , "Analysis of enzymatically amplified β-globin and HLA-DQα DNA with allele-specific oligonucleotide probes," <i>Nature</i> , 324:163-166 (1986).	
	C43	Sanger, F. <i>et al.</i> , "DNA sequencing with chain-terminating inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> , 74(12):5463-5467 (1977).	
	C44	Sheffield, V. <i>et al.</i> , "Attachment of a 40-base-pair G+C-rich sequence (GC-clamp) to genomic DNA fragments by the polymerase chain reaction results in improved detection of single-base changes," <i>Proc. Natl. Acad. Sci. USA</i> , 86(1):232-236 (1989).	
	C45	Sugawara, H., <i>et al.</i> , "Complex low-copy repeats associated with a common polymorphic inversion at human chromosome 8p23," <i>Genomics</i> , 82:238-244 (2003).	
	C46	Thorgeirsson, T. E., <i>et al.</i> , "Markers associated with the inversion polymorphism on chromosome 8p23 are associated with Panic Disorders," <i>American Journal of Human Genetics</i> 73(5):514 (2003).	
	C47	Tremblay, J. and Viger, R., "Novel roles for GATA transcription factors in the regulation of steroidogenesis," <i>J. Steroid Biochem. Mol. Biol.</i> , 85(2-5):291-298 (2003).	
	C48	Thorgeirsson, T. E., <i>et al.</i> , "Markers associated with the inversion polymorphism on chromosome 8p23 are associated with Panic Disorders," <i>American Journal of Human Genetics online publication</i> (An abstract submitted for the ASHG annual meeting on Nov. 4, 2003, poster number 2021, http://genetics.faseb.org/cgi-bin/ashg03s/ashg03?abst=panic%20disorder&sort=pgmnums&sbutton=Detail&absno=2021&sid=479460).	
	C49	Thorgeirsson, T. E., <i>et al.</i> , "Effects of the Inversion on Chromosome 8p23: Extensive Linkage Disequilibrium and Association to Panic Disorder and Gene Expression," <i>American Journal of Human Genetics online publication</i> (An abstract submitted for the ASHG annual meeting on Oct. 30 th , 2004, poster number 167, http://www.ashg.org/cgi-bin/ashg04s/ashg04?abst=panic&sort=pgmnums&sbutton=Detail&absno=167&sid=938389).	
	C50	López-Correa, C. <i>et al.</i> , "8p23 Inversion Polymorphism Associated with Panic Disorder in Iceland," <i>HUGO International Human Genome Meeting 2004 online publication</i> (HGM2004, April 4 th -7 th , 2004, poster number 99, http://hgm2004.hgu.mrc.ac.uk/Abstracts/Publish/WorkshopPosters/WorkshopPosters04/hgm099.html).	
	C51	Thorgeirsson, T. E., <i>et al.</i> , "Anxiety with Panic Disorder Linked to Chromosome 9q in Iceland," <i>Am. J. Hum. Genet.</i> 72: 1221-1230 (2003).	
↓	C52	Naoumova, R. P. <i>et al.</i> , "Confirmed Locus on Chromosome 11p and Candidate Loci on 6q and 8p for the Triglyceride and Cholesterol Traits of Combined Hyperlipidemia," <i>Arterioscler. Thromb. Vasc. Biol.</i> , 23(11):2070-7 (2003).	

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